

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

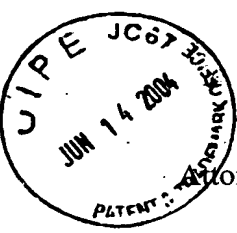
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

DAC

ifw



Attorney Docket No. 9180-30

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jong-Rong Jan et al; Confirmation No.: 1502
Application No.: 10/780,529 Group Art Unit: 2812
Filed: February 17, 2004
For: METHODS OF SELECTIVELY BUMPING INTEGRATED CIRCUIT
SUBSTRATES AND RELATED STRUCTURES

Date: June 10, 2004

Office of Patent Legal Administration
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO ACCORD THE PROPER FILING DATE

Sir:

As set forth in 37 CFR § 1.10(c) and MPEP § 506.02, Applicant hereby petitions to grant the proper filing date of February 17, 2004 rather than February 18, 2004 for the above-identified patent application as this was the date the application was deposited as "Express Mail" in the U.S. Postal Service. The following is enclosed as evidence of February 17, 2004 being the correct filing date for the application which was properly filed under 37 C.F.R. § 1.10:

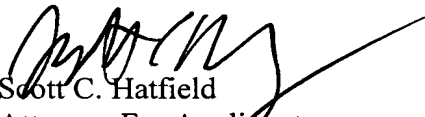
1. A true and accurate copy of the Cover Sheet for the Application showing the Express Mail signature and date on Page 2;
2. A true and accurate copy of the Express Mail Receipt marked by the United States Postal Service ("USPS") as a "date-in" or deposit date with the USPS of 12 noon on February 17, 2004; and
3. A true and accurate copy of our return post card include if applicable: and of the official filing receipt for this application, sent by the United States Patent and Trademark Office, showing that Applicant was improperly given the filing date of February 18, 2004 instead of the Express Mail date of February 17, 2004.

This petition is being filed promptly after Applicant became aware of the improperly accorded filing date. Accordingly, Applicant respectfully requests the granting of February 17, 2004 as the filing date pursuant to 37 CFR § 1.10.

In re: Baek et al.
Application No.: 10/719,192
Page 2

On the basis that Applicant properly followed the requirements of 37 CFR § 1.10 and the USPTO failed to accord the proper filing date under MPEP § 505 and thus the need to file this petition is due to error on the part of the USPTO, it is applicant's belief that no fee is due with this petition. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

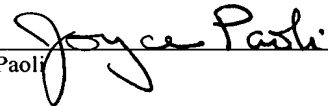
Respectfully submitted,

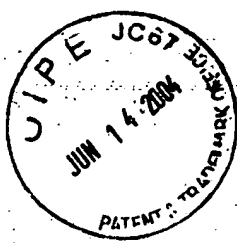

Scott C. Hatfield
Attorney For Applicant
Registration No. 68,176

USPTO Customer No. 20792
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, North Carolina 27627
Telephone: 919/854-1400
Facsimile: 919/854-1401

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Office of Patent Legal Administration, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 10, 2004.


Joyce Paoli



EV 381445195 US



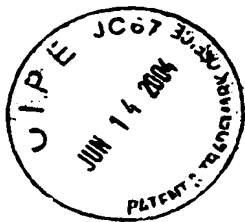
UNITED STATES POSTAL SERVICE®

Customer Copy
Label 11-F June 200

Post Office To Addressee

ORIGIN (POSTAL USE ONLY)			DELIVERY (POSTAL USE ONLY)		
PO ZIP Code 27022	Day of Delivery <input checked="" type="checkbox"/> Next <input type="checkbox"/> Second <input type="checkbox"/>	Flat Rate Envelope	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Date In Mo. Day Year Time In <input type="checkbox"/> AM <input type="checkbox"/> PM	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM Military <input type="checkbox"/> 2nd Day <input type="checkbox"/> 3rd Day	Postage \$ 13.65	Delivery Attempt	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
Weight lbs. ozs.	Int'l Alpha Country Code	Return Receipt Fee	Delivery Date	Time <input type="checkbox"/> AM <input type="checkbox"/> PM	Employee Signature
No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials [Signature]	COD Fee Insurance Fee	<input type="checkbox"/> WAIVER OF SIGNATURE (Domestic Only) Additional merchandise insurance is void if waiver of signature is requested. I wish delivery to be made without obtaining signature of addressee or addressee's agent (if delivery employee judges that article can be left in secure location) and I authorize that delivery employee's signature constitutes valid proof of delivery.		
Total Postage & Fees \$ 13.65		<input type="checkbox"/> NO DELIVERY <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday			
CUSTOMER USE ONLY METHOD OF PAYMENT: Express Mail Corporate Acct. No. 421000			Federal Agency Acct. No. or Postal Service Acct. No.		
FROM: (PLEASE PRINT) PHONE (703) 297-1400 MYERS JAMES STACY A. (ADDRESSEE) PO BOX 1450 ALEXANDRIA VA 22313-1450 SCH 9130-30			TO: (PLEASE PRINT) PHONE () Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		
PRESS HARD. You are making 3 copies. FOR PICKUP OR TRACKING CALL 1-800-222-1811 www.usps.com					





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

ATTY DOCKET NO.: 9180-30

DATE: February 17, 2004

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER
AND FEE TRANSMITTAL FORM (37 CFR § 1.53(b))**

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 CFR § 1.53(b) is:

- ☒ a patent application
☐ a Continuation ☐ a Divisional ☐ a Continuation-in-Part (CIP) Application of prior application no.: _____; filed _____, the disclosure of which is incorporated herein by reference in its entirety.
☒ and claims the benefit of Provisional Application No. 60/448,096; filed February 18, 2003.

Inventor(s) or Application Identifier: Jong-Rong Jan, Tsai-Hua Lu, Sao-Ling Chiu and
Ling-Chen Kung

Entitled: METHODS OF SELECTIVELY BUMPING INTEGRATED CIRCUIT SUBSTRATES AND
RELATED STRUCTURES

Myers Bigel Sibley & Sajovec, P.A.
P. O. Box 37428
Raleigh, North Carolina 27627
Telephone: (919) 854-1400
Facsimile: (919) 854-1401
Customer No. 20792

Enclosed are:

1. ☒ Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2. ☒ 31 pages of Specification (including 49 claims)
3. ☒ 5 sheets of Formal Drawings (35 USC 113)
4. ☐ Oath or Declaration
 - a. ☐ newly executed (*original or copy*)
 - b. ☐ copy from prior application (37 CFR 1.63(d) (*for continuation/divisional*) [Note Box 6 Below]
 - c. ☐ DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5. ☐ Application Data Sheet. See 37 CFR 1.76
6. ☐ Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under

Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7. ☐ Microfiche Computer Program (*Appendix*)
8. ☐ Assignment papers (*cover sheet(s) and document(s)*)
9. ☐ Applicant claims small entity status. See 37 CFR § 1.27.
10. ☒ Information Disclosure Statement, PTO-1449, and 3 references enclosed that were cited
11. ☐ Preliminary Amendment (*Please enter all claim amendments prior to calculating the filing fee.*)
12. ☐ English Translation Document
13. ☐ Certified Copy of Application No. ; Filed
14. ☐ Sequence Listing/ Sequence Listing Diskette
 - a. ☐ computer readable copy
 - b. ☐ paper copy
 - c. ☐ statement in support
15. ☐ An Associate Power of Attorney
16. ☒ Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)
17. ☐ Deletion of Inventor(s) (Signed statement attached deleting inventor(s) name in the prior application. See 37 CFR 1.63(d)(2) and 1.33(b).
18. ☐ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form.
19. ☐ Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee
BASIC FEE			\$385.00	\$ 770.00
TOTAL CLAIMS	49- 20 =	29	x 09 = \$	x 18 = \$ 522.00
INDEP CLAIMS	5- 3 =	2	x 43 = \$	x 86 = \$ 172.00
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 145 = \$	+ 290 = \$
If the difference in Col. 1 is less than zero, Enter "0" in Col. 2			Total \$	Total \$1464.00

- ☒ A check in the amount of **\$1,464.00** to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).
- ☐ Please charge my Deposit Account No. 50-0220 in the amount of \$
- ☐ The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:
- a. ☐ Additional filing fees under 37 CFR 1.16 for presentation of extra claims.
 - b. ☐ Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Scott C. Hatfield

Registration No. 38,176

CERTIFICATE OF EXPRESS MAILING

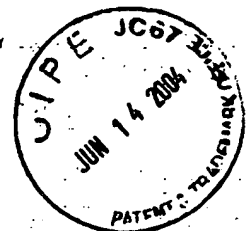
Express Mail Label No. EV 381445195 US

Date of Deposit: February 17, 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Joyce Paoli


EV381445195US



MS Patent Appl-
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SC# Date: 2-17-04
Doc. No. 9180-30
03-01-04 A0 Ser# N
Inventor: Jan et al

Sir: Kindly acknowledge receipt of the accompanying items listed below
by placing your receiving stamp hereon and return mailing:

<input checked="" type="checkbox"/> Application Transmittal and:	<input checked="" type="checkbox"/> Check \$ <u>1464.00</u>
<input checked="" type="checkbox"/> Specification pages <u>31</u>	<input checked="" type="checkbox"/> IDS & PTO-1449 & <u>3</u> refs. <u>attached</u>
<input checked="" type="checkbox"/> No. of Claims <u>49</u>	<input type="checkbox"/> Amendment & Amend. Transmittal
<input type="checkbox"/> Declaration & POA	<input type="checkbox"/> Preliminary Amendment
<input type="checkbox"/> Assignment and Fee	<input type="checkbox"/> Issue Fee <u>16834</u> U.S. PTO
<input type="checkbox"/> Small Entity Statement	<input type="checkbox"/> Brief <u>10/780529</u>
<input checked="" type="checkbox"/> Formal Drawings/ <u>5</u> sheets	<input type="checkbox"/> Appeal
<input type="checkbox"/> Associate Power of Attorney	<input type="checkbox"/> Submittal of Priority Doc. 
<input type="checkbox"/> Exp. Mail	<input type="checkbox"/> 1st Class Mail <u>021804</u>
<input checked="" type="checkbox"/> Other: <u>Appl. Filed under 37 CFR. 1.41(c)</u>	

Respectfully submitted,
MYERS BIGEL SIBLEY & SAJOVEC, P.A.
Attorneys for Applicant